Reglization of virtual surround and stereophonic by using relative sound image location transfer functi... Page 1 of 1

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Realization of virtual surround and stereophonic by using relative sound image location Derwent Title: transfer function method realizing large acoustics region and low computation regardless

of array of reproduction part and movement of listener

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Accession/ 2005-614082 / 200563

Update:

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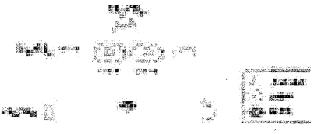
> W04-R01C(Stereophonic) Manual Codes:

® Derwent (KR5029749A) Novelty - A realization of virtual surround and stereophonic by using relative sound image location transfer function method realizing the large acoustics region and a low Abstract: computation regardless of array of reproduction part and a movement of listener is provided to correct the effect by the relation without depending on the position of the listener.

> Detailed Description - A realization of virtual surround and stereophonic by using relative sound image location transfer function method realizing the large acoustics region and a low computation regardless of array of reproduction part and a movement of listener includes a plurality of virtual speakers, a plurality of speakers and a listener. The realization of virtual surround and

stereophonic is characterized in that the head transmission function is defined as following equations: OL=C+HLL, OR=C+HRR wherein OL and OR are the output signals at each channel, C is the center signal, L and R are input signals, and the HX=HY/HC is the relative sound image

definition transmission function. Image 1/1



Dwg.1/1

Family: PDF Patent Pub. Date Derwent Update Pages Language IPC Code

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Application Number	Filed	Original Title
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